

3-7-08 10/715239 copy

Express Mail Label No. EM 194130194 US Dated March 6, 2008

Docket No.: MWS-086
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Letters Patent of:
Arwen Warlock

Patent No.: 7324931 B1

Issued: January 29, 2008

For: CONVERSION OF MODEL COMPONENTS
INTO REFERENCES

Certificate
MAR 11 2008
of Correction

**REQUEST FOR CERTIFICATE OF CORRECTION
PURSUANT TO 37 CFR 1.323**

Attention: Certificate of Correction Branch
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Upon reviewing the above-identified patent, Patentee noted typographical errors which should be corrected.

In the specification, column 6, line 45, please make the following change:

-- According to the embodiment ~~to~~of claim 6, the source code is as follows:--

On the coverpage (73) Assignee:

-- Assignee: The ~~Mathworks~~MathWorks, Inc.

Fig. 24, Sheet 26 of 28:

Second column third block:

~~Create~~Create A New Model 482

Fig. 21, Sheet 23 of 28:

Second column:

~~Oeeurences~~Occurrences

In the specification, column 1, line 21, please make the following change:

ulink® from The MathWorks, Inc. of Natick, ~~Mass.~~Massachusetts stat-

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Patent Publication

03/07/2008 HLE333 00000019 120080 7324931

01 FC:1811 100.00 DA

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In the specification, column 2, line 41, please make the following change:
~~equations-equation~~ 6 to obtain a closed-form solution for the output

In the specification, column 2, line 55, please make the following change:
tionally no longer qualify as an ODE[[]], they are included here

In the specification, column 2, line 65, please make the following change:
tives equation[[]] 6 may be extended to define other relation-

In the specification, column 5, line 41, please make the following change:
Ware products such as Simulink® from [t]The MathWorks, Inc.

In the specification, column 5, line 58, please make the following change:
Focuses on Simulink® version 5.0 (Release 13) from [t]The

In the specification, column 7, line 45, please make the following change:
Relevant for the execution [or] of code-generation. The attribute

In the specification, column 8, line 12, please make the following change:
tion of block-diagrams, (c) a Revision Control [UI] GUI for

In the specification, column 12, line 201, please make the following change:
filled[[]].

In the specification, column 13, line 3, please make the following change:
In this case the amplitude of the [s]Sine [w]Wave function defined

In the specification, column 13, line 41, please make the following change:
compiled 42. Following the compilation stage[[]] is the model

In the specification, column 14, line 43, please make the following change:
connected in [a] an accumulator pattern and leading to result 66

In the specification, column 15, lines 15 and 16, please make the following change:
114, a function-call generator vertice 116, and a [f]Functional [c]Call [s]Sub-
system vertice 118. Also included are a Sum vertice 120,

In the specification, column 16, line 16, please make the following change:
sponding to components like the [f]Function-[c]Call [s]Sub-system

In the specification, column 18, line 36, please make the following change:
116 and 168. Execution methods ~~includes-include~~ the three basic

In the specification, column 19, line 19, please make the following change:
Enable the changing of parameters during the SimLoop@,

In the specification, column 19, line 59, please make the following change:

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PUBLICATION

through and execute[[s]] each block in the block method execu-

In the specification, column 19, line 66, please make the following change:
the sorted list). The execution time ~~then~~ is then incremented

In the specification, column 21, line 67, please make the following change:
real-time case for [[S]]single-task mode, the engine does not wait

In the specification, column 22, line 18, please make the following change:
[[Id]] ID are executed (step 232) followed by the execution of the

In the specification, column 23, line 12, please make the following change:
and integration error tolerances. In a [[f]]Fixed-step solver, the

In the specification, column 23, line 60, please make the following change:
An example of the [[v]]Variable-step solver is shown in FIG.

In the specification, column 29, line 37, please make the following change:
with ~~difference~~ differential equations;

In the specification, column 30, line 8, please make the following change:
steps followed by a [[v]]Variable-step solver

In the specification, column 31, line 27, please make the following change:
That it links to a separate unit without [[a]] making use of a

In the specification, column 40, lines 32 and 33, please make the following change:
42. The medium of claim 39, wherein the instructions for
identifying the component comprise[[s]]

In the specification, column 40, lines 36 and 37, please make the following change:
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In the specification, column 40, lines 40 and 41, please make the following change:
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In the specification, column 40, lines 44 and 45, please make the following change:
45. The medium of claim 39, wherein the instructions for
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In the specification, column 40, lines 50 and 51, please make the following change:
46. The medium of claim 39, wherein the instructions for
identifying the component comprise[[s]]

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Patent Division

The errors were found in the application as filed by applicant. Please charge our Deposit Account No. 12-0080 in the amount of \$100.00 covering the fee set forth in 37 CFR 1.20(a).

The errors now sought to be corrected are inadvertent typographical errors the correction of which does not involve new matter or require reexamination.

Transmitted herewith is a proposed Certificate of Correction effecting such amendment. Patentee respectfully solicits the granting of the requested Certificate of Correction.

The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 12-0080, under Order No. MWS-086. A duplicate copy of this paper is enclosed.

Dated: March 6, 2008

Respectfully submitted,

By 

Kevin J. Canning

Registration No.: 35,470

LAHIVE & COCKFIELD, LLP

One Post Office Square

Boston, Massachusetts 02109-2127

(617) 227-7400

(617) 742-4214 (Fax)

Attorney/Agent For Applicant

UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

Page 1 of 3

PATENT NO. : 7,324,931

APPLICATION NO.: 10/715,239

ISSUE DATE : January 29, 2008

INVENTOR(S) : Arwen Warlock

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

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MAILING ADDRESS OF SENDER (Please do not use customer number below):

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

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PTO/SB/21 (01-08)
Approved for use through 01/31/2008. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Application Number	10/715,239-Conf. #4975	
	Filing Date	November 17, 2003
	First Named Inventor	Arwen WARLOCK
	Art Unit	2123
	Examiner Name	K. Thangavelu
Attorney Docket Number	MWS-086	
Total Number of Pages in This Submission		

ENCLOSURES (Check all that apply)

<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Return Receipt Postcard Certificate of Correction Request for Certificate of Correction
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	LAHIVE & COCKFIELD, LLP		
Signature			
Printed name	Kevin J. Canning		
Date	March 6, 2008	Reg. No.	35,470

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Patent Reduction

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Under the Paperwork Reduction Act of 1995, no person are required to respond to a collection of information unless it displays a valid OMB control number.

Effective on 12/08/2004.
Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

FEE TRANSMITTAL For FY 2008

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 100.00

Complete if Known

Application Number	10/715,239-Conf. #4975
Filing Date	November 17, 2003
First Named Inventor	Arwen WARLOCK
Examiner Name	K. Thangavelu
Art Unit	2123
Attorney Docket No.	MWS-086

METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify): _____
☒ Deposit Account Deposit Account Number: 12-0080 Deposit Account Name: Lahive & Cockfield, LLP

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☐ Charge fee(s) indicated below, except for the filing fee
☒ Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17 ☒ Credit any overpayments

FEE CALCULATION

1. BASIC FILING, SEARCH, AND EXAMINATION FEES

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	310	155	510	255	210	105	
Design	210	105	100	50	130	65	
Plant	210	105	310	155	160	80	
Reissue	310	155	510	255	620	310	
Provisional	210	105	0	0	0	0	

2. EXCESS CLAIM FEES

Fee Description	Small Entity	
	Fee (\$)	Fee (\$)
Each claim over 20 (including Reissues)	50	25
Each independent claim over 3 (including Reissues)	210	105
Multiple dependent claims	370	185

Total Claims Extra Claims Fee (\$) Fee Paid (\$)

- = x =

HP = highest number of total claims paid for, if greater than 20.

Indep. Claims Extra Claims Fee (\$) Fee Paid (\$)

- = x =

HP = highest number of independent claims paid for, if greater than 3.

3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$260 (\$130 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets Extra Sheets Number of each additional 50 or fraction thereof Fee (\$) Fee Paid (\$)
- 100 = /50 = (round up to a whole number) x =

4. OTHER FEE(S)

Non-English Specification, \$130 fee (no small entity discount)

Other (e.g., late filing surcharge): 1811 Certificate of correction

Fees Paid (\$)

100.00

SUBMITTED BY

Signature		Registration No. (Attorney/Agent)	35,470	Telephone	(617) 994-0801
Name (Print/Type)	Kevin J. Canning	Date	March 6, 2008		

MAR 11 2008